

# Analogue Dual Zone Monitor

## CHQ-DZM(SCI)



### Features

- ▶ Single Loop Address
- ▶ Supports Two Independent Zones of conventional detectors
- ▶ Both zones fully monitored for short/open circuit
- ▶ Requires an auxiliary 24 VDC supply
- ▶ DIN rail version available
- ▶ Both models feature an integral short-circuit isolator
- ▶ Approved by LPCB

### Description

Model CHQ-DZM(SCI) is a Dual Circuit Zone Controller designed to allow up to 60 conventional detectors (30 on each zone) to be interfaced to Hochiki's ESP analogue addressable system.

Full monitoring against malfunction or disconnection, together with a self-test feature through the ESP protocol, ensure the integrity of the CHQ-DZM(SCI) at all times. The CHQ-DZM(SCI) utilises simple DIL switches for reliable addressing. It is available as an OEM version (as illustrated above) and also as a DIN Rail mountable module (CHQ-DZM/DIN(SCI)).

**The conventional zone on the CHQ-DZM(SCI) does not support any line continuity options, therefore if Call Points are being interfaced they should be wired at the beginning of the zone.**

Specification		
Ordering Code	CHQ-DZM(SCI) (as shown) CHQ-DZM/DIN(SCI) (DIN module)	
Operating Voltage	17 – 41 VDC	
Low Power Mode (typ)	110 $\mu$ A	
Quiescent Current (typ)	330 $\mu$ A	
Current Consumption (External )	(Quiescent) 2 mA (Alarm) 70 mA (both zones in fire)	
Capacitance on Zone	0.3 $\mu$ F Max	
Resistance on Zone	50 $\Omega$ Max	
Operating Temperature Range	-10°C to +50°C	
Storage Temperature Range	-30°C to +60°C	
E.O.L Device	TE-RH-E	
Open Collector Output Rating	24 VDC 8.5 mA	
Quantity per Zone	DFE - no limit SLR, SIJ, DCD – 30 max	
Weights & Dimensions	CHQ-DZM(SCI)	350
	CHQ-DZM/DIN(SCI)	130
L=157 x W=127 x D=35 (CHQ Module plus Lid) D=79 (CHQ Module plus Lid plus CHQ-BACKBOX) (add 235g to module weight when using CHQ-BACKBOX) L108 x W119 x D24 (CHQ DIN Module)		